



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/898,878

07/03/2001

James A. McKain

A95006C2D

3541

26643

7590

04/18/2006

PETER J. GORDON, PATENT COUNSEL
AVID TECHNOLOGY, INC.
ONE PARK WEST
TEWKSBURY, MA 01876

EXAMINER

NGUYEN, LUONG TRUNG

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 04/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/898,878	Applicant(s) MCKAIN ET AL.	
	Examiner LUONG T. NGUYEN	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 April 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2/27/06</u> . | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2622

DETAILED ACTION

1. It is noted that the Art Unit 2612 has been changed to Art Unit 2622.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 4/03/02006 has been entered.

Response to Arguments

3. Applicant's arguments filed on 4/03/2006 have been fully considered but they are not persuasive.

In re pages 2-3, Applicants argue that Lang does not teach that a user may input an attribute, “wherein the attribute is value selected by the user from a set of three or more ordered values indicative of an assessment by the user of merit of the clip” (claims 1 and 6) or “wherein the attribute is value selected by the user from a set of three or more ordered values indicative of an assessment by the user of merit of the clip (claims 11 and 15).

In response, regarding claim 1, Applicants recited the limitation “a user interface for allowing user input of an attribute for storage with the clip, wherein the attribute is value selected

Art Unit: 2622

by the user from a set of three or more ordered values indicative of an assessment by the user of merit of the clip.” The Examiner considers that Lang does disclose this limitation. Lang discloses a control panel (user interface) for allowing the user to perform editing operation, in which audio commentaries (attribute value selected by the user by the user from more order values indicative of an assessment by the user of merit of the clip) to be added to silent video representation (clip), column 9, line 64 through column 10, line 32.

It is noted that claim 1 recited alternative limitation “OR” in limitation “the attribute is value selected by the user from a set of three **or** more ordered values;” therefore, the reference can read on limitation “the attribute is value selected by the user from a set of three ordered values” or limitation “the attribute is value selected by the user from a set of more ordered values.” In this case, since Lang discloses plurality of audio commentaries are added to the video representation, Lang (column 9, line 64 through column 10, line 32) reads on the limitation “the attribute is value selected by the user from a set of more ordered values.”

In re page 3, Applicants argue that an audio commentary is not from a set of three or more ordered values.

In response, it is noted that Lang discloses plurality of audio commentaries (column 10, lines 25-30), not “an audio commentary”; the examiner considers that “plurality of audio commentaries” can read as a set of more ordered values. Noted that there are no specific detail of limitation “attribute” or “value” in claim 1.

Claim Rejections - 35 USC § 102

Art Unit: 2622

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1, 6, 11, 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Lang (US 5,164,839).

Regarding claims 1, 6, Lang discloses a system for capturing video data defining a moving picture, comprising means for receiving the video data from a source (AVRU 11, Figure 2, Column 3, Lines 50-67); means for storing (memory 13, Figure 2), in real time as the video data is received, the video data as a clip (video segments, Column 6, Line 50; Column 10, Lines 10-19) in a computer data file on a non-volatile random-access computer-readable and rewritable medium (Column 6, Lines 28-40) according to a trigger signal associated with the source; means (input port 17, Figure 2) for providing for storage of an attribute (audio, Column 10, Lines 10-32) associated with the clip; and a user interface (control panel, Column 10, Lines 10-32) for allowing user input of an attribute for storage with the clip, wherein the attribute is value selected by the user from a set of three or more ordered values indicative of an assessment by the user of merit of the clip (Column 10, Lines 10-32).

Regarding claim 11, 15, Lang discloses a system for editing a motion picture, comprising means for storing (memory 13, Figure 2) video data as a plurality of clips (video segments, Column 6, Line 50; Column 10, Lines 10-19) in a plurality of computer data files on a non-

Art Unit: 2622

volatile random-access computer-readable and rewritable medium (Column 6, Lines 28-40), wherein at least some of the plurality of clips have an attribute associated with the clip, wherein the attribute is a value from a set of three or more ordered values indicative of an assessment of merit of the clip (Column 10, Lines 10-32); means for allowing a user to supply a desired attribute (input port 17, Figure 2, Column 10, Lines 20-30); means for selecting one or more clips from the plurality of clips according to the attribute associated with the clip and the desired attribute supplied by user (select individual frame, Column 7, Lines 1-5); and means for presenting the selected clips as options to the user for insertion into motion picture (flat panel display, Column 6, Line 60 – Column 7, Line 5).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 2-5, 7-10, 12-14, 16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lang (US 5,164,839) in view of Wang et al. (US 5,802,361).

Regarding claims 2, 7, Lang discloses the system stores a plurality of clips (video segments are stored in memory 13, Figure 2, Column 6, Line 50; Column 10, Lines 10-19).

Lang fails to specifically disclose means for searching the attributes of the clips according to a desired attribute; and means for displaying an indication of one or more of the clips corresponding to the desired attribute. However, Wang et al. teaching a system for

Art Unit: 2622

searching graphic images and videos, which includes a user interface (display 103, Figure 1) allows the user to construct a search inquiry with icons representing image attributes corresponding to the image data in the side information file (see abstract, Figures 1-2, Column 7, Lines 25-35, 60-67; Column 8, Lines 5-20). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device in Lang by the teaching of Wang et al. in order to provide a user interface that facilitates the creation and modification of a search inquiry using visual attributes (Column 4, Lines 33-35).

Regarding claims 3, 8, Wang et al. discloses means for ranking the clips according to the attributes (means for ranking image attribute, Column 18, Lines 50-55).

Regarding claims 4, 9, 13, 17, Wang et al. discloses means for identifying clips having an attribute that is above the threshold (threshold variance value, Column 26, Lines 1-32).

Regarding claims 5, 10, 14, 18, Lang discloses means for selecting the clips having the received value as an attribute (select individual frame, Column 7, Lines 1-5). Wang et al. discloses means for receiving an indication of a value in the set of ordered values (Column 26, Lines 1-65).

Regarding claims 12, 16, Lang fails to specifically disclose means for ranking the clips according to the attributes. However, Wang et al. teaches means for ranking image attribute (Column 18, Lines 50-55). Therefore, it would have been obvious to one of ordinary skill in the

Art Unit: 2622

art at the time the invention was made to modify the device in Lang by the teaching of Wang et al. in order to allow the user to be able to assign a numerical rank to each image attribute in the search inquiry (Column 18, Lines 50-51).

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LUONG T. NGUYEN whose telephone number is (571) 272-7315. The examiner can normally be reached on 7:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DAVID L. OMETZ can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LN
4/14/06



**LUONG T. NGUYEN
PATENT EXAMINER**